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(54) INK JET HEAD AND INK JET RECORDING APPARATUS

(57) Abstract:

PROBLEM TO BE SOLVED: To provide an ink jet head and an ink jet recording apparatus that eliminates pixel depletion and makes it possible to increase apparent density, prevent offset and economize the use of ink, by making up a pixel of a plurality of dots.

SOLUTION: An ink jet head has a substrate 1 comprising a plurality of ink supply passages each of which includes a nozzle 4 for ejecting ink, a pressure generating portion 6 communicating with the nozzle 4, and an ink supply passage 7 communicating with the pressure generating portion, and an ink supply portion 8 communicating with the plurality of ink passages. The substrate 1 is formed of an anisotropic crystalline material, and two or more of the nozzles 4 are provided by anisotropic etching.

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